

①

DATE 1-4-87

TO: Information Services Branch

FROM: Computer Products Support Group

(Init)

KT

L.G.

RE: DOUGLAS/K-88/013. Announce in GRA&I  
(Report No.)

Priority Action is Required

Attached

- ☒ Form NTIS 231.
- ☐ Form 277
- ☒ NTIS 79
- ☒ RDP (OF 272)
- ☐ Proof Listing
- ☐ Consigned Inventory Acquisition Form (Interagency Agreement Number and Split)

Process for:

K File  
(Data)



Documentation



Mag Tape

H File  
(Software)



Documentation



~~Mag Tape~~  
Diskette

Action

- ☐ Loan Document Form Attached
- ☒ Defense Sponsored: Acquire ADA Number
- ☐ Order Pending. Return immediately after copying necessary pages.

Remarks

Highlight!

DTIC  
LECTE  
FEB 09 1988  
S<sub>C</sub>D<sub>D</sub>

DISTRIBUTION STATEMENT A

Approved for public release  
Distribution Unlimited

Computer Products Transmitt

☐ DELETE☒ NEW☐ REPLACE☐ CORRECTION

<b>NTIS COMPUTER PRODUCTS CATALOG DATA SHEET</b>		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. *See box 10 DOD/SW/DK-88/013	3. SUBJECT												
4. PRODUCT (circle one) <div style="display: flex; justify-content: space-around;"><div>DATA FILE  DATA BASE REFERENCE SERVICE</div><div><u>SOFTWARE</u></div><div>PUBLICATION  MODEL, SIMULATION</div></div>																
5. AGENCY, BUREAU, DIVISION, AND ADDRESS ASD/SCOL Language Control Division Area B, Bldg 676 Wright-Patterson AFB OH 45433-6503																
6. PRODUCT NAME (Use agency nomenclature) Ada Compiler Validation Capability (ACVC) Version 1.10 (for microcomputers)																
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software, The ACVC is a suite of tests designed to test on Ada compiler's conformance to MIL-STD-1815A.																
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.) 1 DEC 87, Version 1.10			9. FILE SIZE IN NO. OF: Diskettes <div style="display: flex; align-items: center;"><div style="border: 1px solid black; padding: 2px;">4</div><div style="border: 1px solid black; padding: 2px;">3</div><div style="margin-left: 10px;">PUNCHED CARDS</div><div style="display: flex; gap: 5px;"><div style="border: 1px solid black; width: 20px; height: 15px;"></div><div style="border: 1px solid black; width: 20px; height: 15px;"></div><div style="border: 1px solid black; width: 20px; height: 15px;"></div><div style="border: 1px solid black; width: 20px; height: 15px;"></div><div style="border: 1px solid black; width: 20px; height: 15px;"></div></div></div>													
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)  *See also: AD-A186 389																
11. PRICE INFORMATION Price code: D99 (\$1,000) Quoted price Price includes documentation:																
12. GEOGRAPHIC SCOPE																
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media) <table border="1" style="width: 100%;"><thead><tr><th>NAME</th><th>TITLE</th><th>PHONE NO.</th></tr></thead><tbody><tr><td>STEVEN P. WILSON</td><td>MATEHMATICIAN</td><td>513-255-4472</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>					NAME	TITLE	PHONE NO.	STEVEN P. WILSON	MATEHMATICIAN	513-255-4472						
NAME	TITLE	PHONE NO.														
STEVEN P. WILSON	MATEHMATICIAN	513-255-4472														
14. DOCUMENTATION <input checked="" type="checkbox"/> AVAILABLE		EXPECTED AVAILABILITY DATE														

88 2 09 005

## 15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A, the Ada Language Reference Manual (LRM). Version 1.10 was released in December 87 and will become the official ACVC version, replacing 1.9, in June 88. ACVC 1.10 will be the official version until June 89 when it will be replaced by ACVC version 1.11.

Each of the 3719 tests in the ACVC 1.10 is designed to test a single test objective specified in the Ada Implementer's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development.

The ACVC 1.10 is written on 43 diskettes in MS-DOS format at nine sectors per track. Each test in the suite is named according to the compilation stages (compile, link, execute) analyzed and the section of the AIG, down to the specific test objective, covered. ...Software Description: The software is written in ADA for implementation on IBM-PC or compatible microcomputers using the MS-DOS Version 2.1 or later operating system. The software is formatted with 9 sectors/track using MS-DOS diskettes.

ACVC 1.10	NTIS ORA&I	NTIS-1,000.00	A-1 21
-----------	------------	---------------	--------



## 16. DATA FILE TECHNICAL DESCRIPTION

The software is contained on 5 1/4 -inch diskette, double sided, double density compatible with the IBM PC microcomputer. Diskettes are in the ASCII format.

## 17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran \_\_\_\_\_ COBOL \_\_\_\_\_ Basic \_\_\_\_\_ Assembly \_\_\_\_\_ Other (Specify) \_\_\_\_\_ Ada \_\_\_\_\_

Software requires;

CPR Mfr. IBM PC-compatible Model(s) \_\_\_\_\_ Operating system(s) MS-DOS Ver 2.1 or later

Minimum of \_\_\_\_\_ K bytes core. The following special features and/or additional requirements in hardware:

formatted with 9 sectors/track using MS-DOS diskettes.

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED